

# CODEBREAKER!

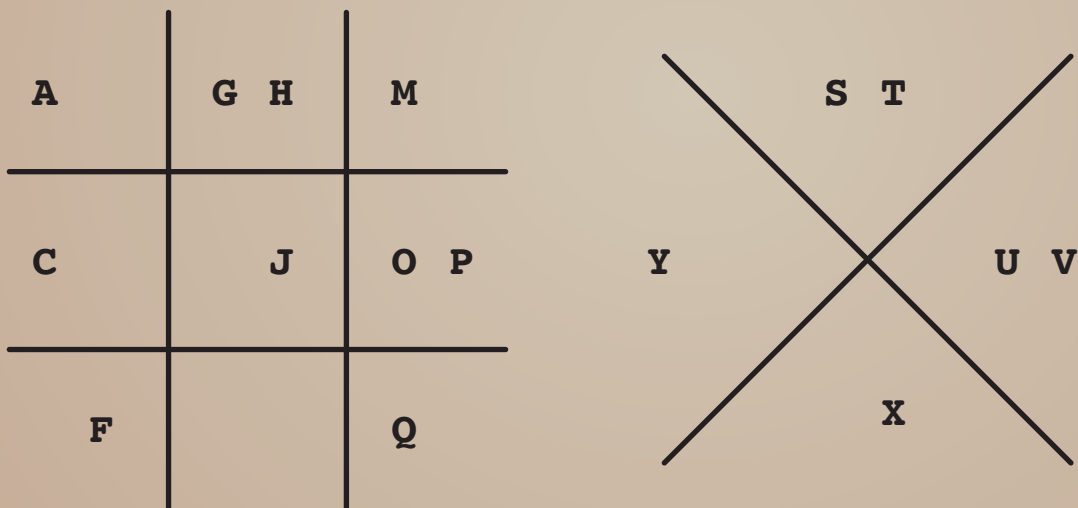


You are on the trail of an international jewel thief. You need to know where the next secret meeting with your informant from Russia will take place.

You have a coded message from your informant, which will tell you what to do next. You also have part of the cipher used to encode the message.

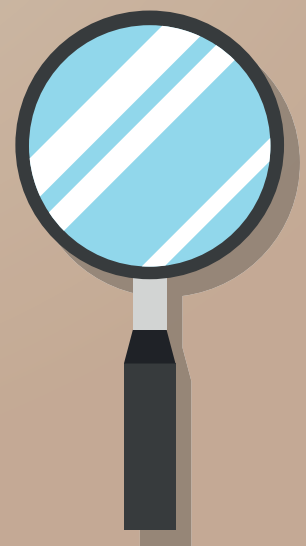
## The Cipher

Here is the incomplete cipher. Once you know where in the cipher each letter of the alphabet fits in, you will be able to work out the letters that have been written using the code. The code is based on the layout of the cipher.



## Crack the Code!

L T T V L T J V V U T V V J V O C C L O L L O L V N  
 J C F O V U J V V U T V F < J >  
 A T J F C L O > J N J N N



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## Teacher Guidance

### Solutions and Marks Scheme

One mark for each correct word

MEET ME AT THE STATION IN MINSK  
BORIS HAS THE RUBY  
WEAR ONLY BLACK

### Commentary

This is really just a bit of fun, but will hopefully get the students to think about the fact that codes and ciphers need an abstract system of representation, and that the system involves repetition of patterns, much like natural language.

### Prompt Questions

Listed are some questions you may wish to use to help pupils make inroads into a task, or extend their thinking on a task.

1. Why do some symbols look more like squares and some more like triangles?
2. What is the function of the dot?